

ABSTRACT OF THE DISCLOSURE

Methods and systems are provided for internal monitoring of applications. A distributed management framework may comprise a plurality of applications and application servers, wherein each of the applications is configured to make function calls to standard programming functions. The function calls to the standard programming functions are intercepted. The function calls are routed to alternative implementations of the standard programming functions, and the alternative implementations are used to collect availability metrics for the plurality of applications. Manager threads may be used for internal monitoring of application execution. Applications may be modified with additional instructions to monitor program execution and automatically generate output comprising an execution history.